

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A rotational supporting mechanism, ~~in which to support a main body and a cover so that the~~ [[a]] main body and ~~the~~ [[a]] cover are superposed when in a closed position ~~to be closed~~, and, from the closed position, the cover is rotated 180 degrees in a planar direction in which ~~the cover and the main body are superposed and stopped at a 180-degree rotational position when in an open position, they are superposed as such, and is stopped at the 180-degree rotated open position;~~ the rotational supporting mechanism comprising:

an eccentric cam rotating eccentrically with respect to said planar direction, said eccentric cam having a portion corresponding to the closed position at one rotational position with maximum eccentricity on a cam surface and a portion corresponding to the open position at ~~the other~~ another position with minimum eccentricity on the cam surface, the positions being 180 degrees ~~180-degree~~ opposite to each other through an axis of the eccentric cam; and

a pressing means, ~~which configured to press~~ presses the cam surface of the eccentric cam by setting a pressing direction to the same direction as that of a line connecting both of the portion corresponding to the closed position and the portion corresponding to the open position when in the closed position, the portions being 180-degree opposite to each other through the axis of the eccentric cam;

whercin a pressing load applied to the electric cam ~~[[,]]~~ and a force to prevent the electric cam from rotating ~~rotation control over~~ the eccentric cam are being increased to stop rotational movement of the eccentric cam when the pressing means engages ~~is fitted to~~ the portion corresponding to the closed position on the cam surface,

wherein while, the pressing load applied to the eccentric cam is being reduced as the pressing means approaches a side of the portion corresponding to the open position, and the ~~rotation control over~~ force to prevent the electric cam from rotating the eccentric cam is being increased to stop the rotational movement of

the eccentric cam when the pressing means engages ~~is fitted to~~ the position corresponding to the open position,

wherein one of the eccentric cam and pressing means is attached to the main body, while the other of the eccentric cam and pressing means is attached to the cover so that the cover is rotationally supported.

2. (Currently Amended) The rotational supporting mechanism according to claim 1, wherein, when the portion corresponding to the open position on the cam surface of the eccentric cam ~~is fitted to~~ engages the pressing means, a control means for controlling excessive rotation beyond the position corresponding to the open position in the same direction as that in which the eccentric cam is rotated 180 degrees to the open direction is provided.
3. (Currently Amended) The rotational supporting mechanism according to claim 1, wherein the eccentric cam has a recess corresponding to the closed position at one point with maximum eccentricity on the eccentrically rotating cam surface, to which a protruding portion of the pressing means ~~is fitted~~ engages, and has a recess corresponding to the open position at one point with minimum eccentricity, to which the protruding portion of the pressing means ~~is fitted~~ engages.
4. (Currently Amended) The rotational supporting mechanism according to claim 1, wherein the pressing means ~~is equipped with~~ comprises:  
an elastic member~~[[,]]~~ configured to press the cam surface in ~~[[a]]~~ the pressing direction;  
~~of which is set to the same direction as that connecting both of the portions corresponding to the closed and open positions, which are determined through the axis of the eccentric cam, said portions being 180-degree opposite to each other,~~  
and  
a following member moving back and forth in the pressing direction, based on ~~[[a]]~~ the pressing force that ~~[[it]]~~ the following member receives from the elastic member, to follow along the cam surface of the eccentric cam.
5. (Currently Amended) The rotational supporting mechanism according to claim 1, wherein the pressing means comprises: ~~is equipped with~~

- a pressing spring~~[[,]]~~ configured to press the cam surface in ~~[[a]] the pressing direction; of which is set to the same direction as that connecting both of the portions corresponding to the closed and open positions, which are determined through the axis of the eccentric cam, said portions being 180-degree opposite to each other;~~  
a pressing piece moving back and forth in the pressing direction by receiving the pressing force of the pressing spring; ~~[[,]]~~ and  
a pressing roller axially supported on the pressing piece in a manner so as to be freely rotatable, and pressing against the cam surface of the eccentric cam integrally with the pressing piece by receiving the pressing force of the pressing spring.
6. (Currently Amended) The rotational supporting mechanism according to claim 2, wherein the control means comprises; ~~is provided with~~  
a rotation disc that rotates left or right in the planar direction; ~~[[,]]~~  
an interlocking piece that rotates with the rotation disc in the same rotational direction by receiving the rotational force of the rotation disc; ~~[[,]]~~ and  
position control portions configured to prevent the interlocking piece from rotating for ~~controlling excess rotation of the interlocking piece, where the interlocking piece, which rotates left or right with the rotation disc, would rotate beyond the portion~~  
corresponding to the open position of the eccentric cam.
7. (Currently Amended) The rotational supporting mechanism according to claim 1, wherein swing preventing portions for preventing the cover from staggering are provided ~~[[on]]~~ at opposite and superposed surfaces of the main body and the cover in proximity of an axially supporting portion that joins both of the main body and the cover in the direction of superposition to axially support the main body and the cover ~~them~~.
8. (Currently Amended) The rotational supporting mechanism according to claim 7, wherein~~[[,]]~~ the swing preventing portion comprises a plurality of bosses formed at the surface of the cover and the main body,  
wherein, when the cover is rotated 180 degrees to be located at the open position from the closed position, ~~bosses as the swing preventing portions are formed on the~~

~~opposite and superposed surfaces of the cover and the main body in a manner such that the protruding bosses on both the opposite surfaces are butted against each other.~~

9. (Currently Amended) The rotational supporting mechanism according to claim 7, wherein, in the swing preventing portions, a the swing preventing portion comprises a plurality of bosses formed at the surfaces of the cover and the main body,

wherein the plurality of ~~butting portions of the~~ bosses are ~~formed at scattered~~ dotted locations, and

wherein the plurality of bosses positions of these respective butting portions are dotted in a manner so as to have different radial distances from [[an]] the axis of the eccentric cam as their center, and so as not to be present concentrically relative to the axis.

10. (Currently Amended) The rotational supporting mechanism according to claim 8, wherein ~~the main body and the cover are superposed and opposed at in the closed position, and when the eccentric cam is turned 180 degrees with its axis as the center so that the main body and the cover are extended straight, of a tip end side portion and a basal end side portion of the main body and the cover, the plurality of bosses are formed at ends of the cover and the main body, which are closer to the axis at positions on the basal end side portion thereof.~~

11. (Currently Amended) The rotational supporting mechanism according to claim 1, wherein[[,]] [[in]] the pressing means[[,]] comprises:  
a base disposed on an upper surface of the main body;

an inclined guide portion provided on both sides of the pressing means in a width direction, comprising in which a base is placed on an upper surface of the main body, a pressing piece, which is urged toward the base by pressing springs, is configured to be pressed against the side of the eccentric cam and configured to be guided in a sliding manner so that the pressing piece so as to goes back and forth freely, and

~~wherein both of contact guide portions of the pressing piece and the base are inclined from each other where the pressing piece and the base contact, is provided on both sides in the widthwise direction of the pressing piece.~~

12. (Currently Amended) The rotational supporting mechanism according to claim 11, wherein the pressing means has the inclined guide portion on both sides of the pressing means in the widthwise direction of the pressing piece, and a central sliding guide portion formed of an axis portion provided at a central portion in the widthwise direction of the pressing piece and a sliding guide groove formed on the base, a concave portion of which is fitted to the axis portion along the sliding direction.
13. (Currently Amended) A mobile terminal comprising using a rotational supporting mechanism of claim 1.
14. (Currently Amended) The rotational supporting mechanism according to claim 8, wherein, ~~in the swing preventing portions, a the plurality of butting portions of the bosses are formed in scattered dotted locations, and~~  
wherein the plurality of bosses positions of these respective butting portions are dotted in a manner so as to have different radial distances from ~~[[an]]~~ the axis of the eccentric cam ~~as their center, and so as not to be present concentrically relative to the axis.~~
15. (Currently amended) The rotational supporting mechanism according to claim 9, wherein the main body and the cover are superposed and opposed at in the closed position, and when the eccentric cam is turned 180 degrees with its axis as the center so that the main body and the cover are extended straight, of a tip end side portion and a basal end side portion ~~of the main body and the cover, the plurality of bosses are formed at ends of the cover and the main body that are closer to the axis at positions on the basal end side portion thereof.~~